

Date:_____

Compound Probability Quiz

Determine if each situation is independent or dependent. Explain your reasoning in one sentence. (4 points)

Picking a boy, and then a girl from class

Flipping a quarter and then a dime

Find each compound probability. (4 points)

Situation: You have 8 marbles in a bag. Four are red, two are blue, one is yellow, and one is green.

P(two blues)

P(blue then green)

P(two greens)

P(red then yellow)

What is probability? Provide an example of how you use probability in every day life. (2 points)

What is required for this unit? Explain, in complete sentences, what skills we are working on. Give examples for the lessons this week to support your thoughts.

Scoring – 5 points

1 point – requirement(s) of this unit

1 point – skills from class

1 point – examples for support

1 point – use of algebraic terms

1 point – complete sentences

[illegible]